

Appl. No. 10/618,222

Amdt. dated June 16, 2005

Reply to Notice of Non-Compliant Amendment of June 07, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 – 7. (Cancelled)

Claim 8. (Original): An electronic acoustic fish attractor comprising: a system for providing audio-on-demand (AOD) services, an underwater multi-peak omnidirectional sound projector and power source.

Claim 9. (Original): The electronic acoustic fish attractor defined in claim 8, wherein the system for providing the AOD services further comprises: the AOD server in which is stored predetermined content; each data item in the data set comprises one or more sections, and the totality of sections constitutes the complete data set; individual data items within the set can be accessed for playback; and active acoustic distributed feedback means in a circuit of a cyclic transmission of sounds.

Claim 10. (Withdrawn): The electronic acoustic fish attractor defined in claim 8, wherein the underwater multi-peak omnidirectional sound projector is supported with a ball (load) of a downrigger or it realizes an additional function as a ball (load) at fishing by trolling or stationary.

Claim 11. (New): A method of a sound attracting fish from large distances to the desirable underwater areas including multi-stage zone transmissions of sounds through a fixed underwater transmitter(s) and active acoustic feedbacks between stages of transmitting sounds

characterized in that said transmissions of sounds carry out under such conditions that an intensity drop of a sound on the first zone, forming the constant optimum sound threshold field for a specific species of fish, is conserved on an every successive zone increment in a distance under consecutive stages of transmissions of sounds.

Claim 12. (New): The method of a sound attraction of fish in accordance with claim 11 wherein said a constant optimum sound threshold field is established on first zone on the basis of reference data on a hearing threshold of a specific species of fish and transmission loss of intensity of transmitted sounds on first zone.

Claim 13. (New): The method of a sound attraction of fish in accordance with claim 12 wherein said a constant optimum sound threshold field has the confining severely upper limit, which is below of threshold of fish discomfort, and lower limit, which is a signal-detection threshold.

Claim 14. (New): The method of a sound attraction of fish in accordance with claim 13 wherein said the upper limit is equal to a sum of values of the lower limit and a transmission loss of intensity of a sound on first zone and it is equal to a sound source level on first zone.

Claim 15. (New): The method of a sound attraction of fish in accordance with claim 11 wherein said transmissions of sounds through transmitter(s) carry out at sound level of a source on each subsequent zone, except for first zone, which is a sum of a sound level of a source on first zone and of a transmission loss of intensity of a sound on a previous zone.

Claim 16. (New): The method of a sound attraction of fish in accordance with claim 11 wherein said active acoustic feedbacks between zones carry out only through all previous consecutive zone increments in a distance right away after a direct sound transmission, with time intervals calculated on the basis of reference data about swimming speed of a specific species of fish.